

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001362

A. CLASSIFICATION OF SUBJECT MATTER																						
Int. Cl. 7: A61M 37/00; A61M 5/32, 5/00																						
According to International Patent Classification (IPC) or to both national classification and IPC																						
B. FIELDS SEARCHED																						
Minimum documentation searched (classification system followed by classification symbols)																						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: IPC A61M 1/-, 5/-, 37/- & keywords: (inoculation, vaccination, rotate, turn, lateral, sideways, longitudinal, retract, move, bias, resilient, urge, needle, sharp, serrated, lacerate, cut, jagged) and similar terms.																						
C. DOCUMENTS CONSIDERED TO BE RELEVANT																						
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																				
X	US 6099504 A (GROSS ET AL) 8 August 2000 Whole document	1-25																				
X	WO 2000/025845 A1 (CHOWDHARY) 11 May 2000 Whole document	1-25																				
X	US 2003/0130619 A1 (SAFABASH ET AL) 10 July 2003 Whole document	1-25																				
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex																				
<p>* Special categories of cited documents:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td style="width: 30%;">"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent but published on or after the international filing date</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed		
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art																			
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family																			
"P"	document published prior to the international filing date but later than the priority date claimed																					
Date of the actual completion of the international search 17 November 2004	Date of mailing of the international search report 26 NOV 2004																					
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer KAREN VIOLANTE Telephone No : (02) 6283 7933																					

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 1998/019723 A1 (SPECIALIZED HEALTH PRODUCTS, INC) 14 May 1998 Whole document	1-25
A	US 2003/0105430 A1 (LAVI ET AL) 5 June 2003 Whole document	1-25
A	WO 1997/000702 A1 (CRITICAL DEVICE CORPORATION) 9 January 1997 Whole document	1-25
A	US 2002/0188251 A1 (STAYLOR ET AL) 12 December 2002 Whole document	1-25
A	WO 2002/089680 A1 (INJECTA GMBH) 14 November 2002 Whole document	1-25
P,A	WO 2003/092771 A1 (PA KNOWLEDGE LIMITED) 13 November 2003 Whole document	1-25

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001362

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	6099504	AU	95572/98	CA	2308217	EP	1024845
		IE	970782	WO	9922790	ZA	9809580
WO	2000/025845	AU	64811/99	EP	1126889	US	6689107
US	2003130619	CA	2279895	CA	2312919	CA	2446976
		EP	1011785	EP	1044028	EP	1389138
		US	5851197	US	6093172	US	6293925
		US	2002022855	US	2003125669	US	2003158520
		US	2003199823	US	2003225373	US	2004002682
		WO	1998/033549	WO	1999/033504	WO	2002/100457
WO	1998/019723	AU	17565/97	AU	48537/96	AU	50837/98
		AU	93046/98	BR	9510270	BR	9702089
		BR	9712875	BR	9811644	CA	2205831
		CA	2215036	CA	2265908	CA	2302622
		CN	1171745	CN	1235557	EP	0801579
		EP	0837705	EP	1011755	EP	1011759
		NO	20001236	NZ	302476	NZ	328873
		NZ	334326	NZ	503865	US	5480385
		US	5487734	US	5542927	US	5549708
		US	5616135	US	5656031	US	5823997
		US	5836917	US	5928200	US	5980488
		US	6024727	WO	1996/021483	WO	1997/027890
		WO	1999/012592				
US	2003105430	WO	2003/047663				
WO	1997/000702	AU	27767/95	AU	33762/99	AU	35695/99
		AU	45042/97	AU	58508/96	AU	86941/98
		BR	9712415	BR	9814626	CA	2193232
		CA	2225452	CA	2269689	CA	2308144
		EP	0840627	EP	0901389	EP	0954249
		EP	1028764	EP	1133382	EP	1147002
		EP	1402919	SG	55389	US	5470319
		US	5616129	US	5616130	US	5788675
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001362

	US	6048335	US	6152900	US	6177037
	US	6183448	US	6206861	US	6210624
	US	6261268	US	2001016715	US	2003105452
	US	2004092886	WO	2000/010791	WO	2000/025995
	WO	1995/035125	WO	1998/017192	WO	1999/024090
US	2002188251	US	2002188249	US	2002188250	
WO	2002/089680		NONE			
WO	2003/092771	GB	2388033	GB	2396298	

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX